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AMENDMENT UNDER 37 CFR 1.116
EXPEDITED PROCEDURE -
EXAMINING GROUP 2832

TOWNSEND and TOWNSEND and CREW LLP

By: Debra Ann DeBello

Debra Ann DeBello

Attorney Docket No.: 018564-002410US

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Steven A. Sunshine *et al.*

Application No.: 09/600,346

Filed: July 14, 2000

For: ALIGNED PARTICLE BASED
SENSOR ELEMENTS

Examiner: Easthom, K.

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Box AF

Assistant Commissioner for Patents
Washington, D.C. 20231

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SEP 5 2002

TECHNOLOGY CENTER 2800

Sir:

In response to the Final Office Action mailed May 31, 2002, please amend
this application as follows. A Petition for a one-month extension of time accompanies
this response.

As the present amendment places the application in condition for
allowance, Applicants respectfully request the amendments be entered.

IN THE CLAIMS:

Please cancel claims 18-28 without prejudice or disclaimer.

Please amend claims 1 and 29 as follows:

1. (Twice Amended) A sensor array for detecting an analyte in a fluid,
said sensor array comprising: first and second sensors wherein said first sensor comprises
a sensing region of an aligned conductive material and a nonconductive region, each of